



# Weekly Construction Report

## Hatchery Creek Design/Build Project



|  |  |                    |      |
|--|--|--------------------|------|
| <b>Time Period:</b>  | November 10-15, 2014   | <b>Project No:</b> | 1305 |
| <b>Rain Days/Weather Conditions:</b>                         | Rained 0.1" on Tuesday night. (Burkesville gauge).   |                    |      |
| <b>Personnel on-site:</b>                                    | <i>EcoGro/Ridgewater:</i> Tony Berry, Tom Cutter, Eric Dawalt, Jon Linder, Brad Redmon, & Chad Relinski.<br><i>Stantec:</i> N/A  |                    |      |
| <b>Equipment on-site:</b>                                    | Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27 articulating dump truck, Bobcat T300 skid steer, Sunbelt JCB pad foot compactor.  |                    |      |
| <b>Material deliveries to project site:</b>                  | <ul style="list-style-type: none"> <li>N/A</li> </ul>  |                    |      |
| <b>Work performed this week:</b>                             | <ul style="list-style-type: none"> <li>Pulled back ravine banks at a ~2H:1V slope from 90' LT to 180' LT.</li> <li>Excavated for and built plunge pool and rock spillway in ravine from 183' LT to ~100' LT.               <ul style="list-style-type: none"> <li>Wet excavated soil was placed in between the temporary diversion and the old "rip rap" channel to dewater.</li> <li>The tie-in to existing grade at the downstream end of the plunge pool was 569.5', which extended the rock spillway 5' more downstream.</li> <li>Built rock spillway up to ~elevation 575'.</li> </ul> </li> <li>Stockpiled rock in ravine for spillway.</li> <li>Flagged out braided channels between Sta. 110+00 to 113+50.</li> <li>Built ravine compacted clay fill up to ~elevation 580'.</li> </ul> |                    |      |
| <b>Erosion &amp; sediment controls installed/maintained:</b> | <ul style="list-style-type: none"> <li>❖ Dewatered and removed rock check dams at downstream end of ravine fill before beginning excavation of plunge pool.</li> <li>❖ Constructed plunge pool is serving as a sediment basin.</li> </ul>  |                    |      |
| <b>Work scheduled for next week:</b>                         | <ul style="list-style-type: none"> <li>⚡ Continue excavating for floodplain and channel upstream of Campground Road (113+00 to 116+80) and haul clay to ravine.</li> <li>⚡ Finish compacted clay fill and rock spillway in ravine stream crossing ~LT Sta. 106+00 to 106+60 up to elevation 581'.</li> <li>⚡ Fill sinkhole in ravine with rock up to bedrock step elevation and then add a layer of geotextile and compacted clay.</li> <li>⚡ Start building confluence bar downstream of bridge.</li> </ul>   |                    |      |
| <b>Work planned for two weeks ahead:</b>                     | <ul style="list-style-type: none"> <li>🔧 Construct channel from ~Sta. 110+00 to 113+50.</li> </ul>   |                    |      |
| <b>General Comments:</b>                                     | <ul style="list-style-type: none"> <li>➤ Aspen Construction, the USACE excavation contractor, improved haul roads to, and started excavation of soil at Site #3.</li> </ul>  |                    |      |
| <b>Prepared by:</b> Eric Dawalt, P.E.                        | <b>Date:</b> 11-15-14  |                    |      |





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Pictures from the past week's construction:



***Excavating for plunge pool at end of rock spillway at Sta. 106+00, ~180 LT (Photograph taken from LT bank of ravine).***



***Plunge pool excavated at end of rock spillway in ravine (Photograph taken from ~Sta. 106+00, ~180 LT, looking upstream).***





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***Ravine sides were sloped and plunge pool was built at end of rock spillway in ravine. Rock spillway was built up to ~elevation 575'. Extra rock was temporarily stockpiled at top of constructed section. (Photograph taken at approximate same location as previous photograph).***



***Delivering rock to spillway in ravine.***



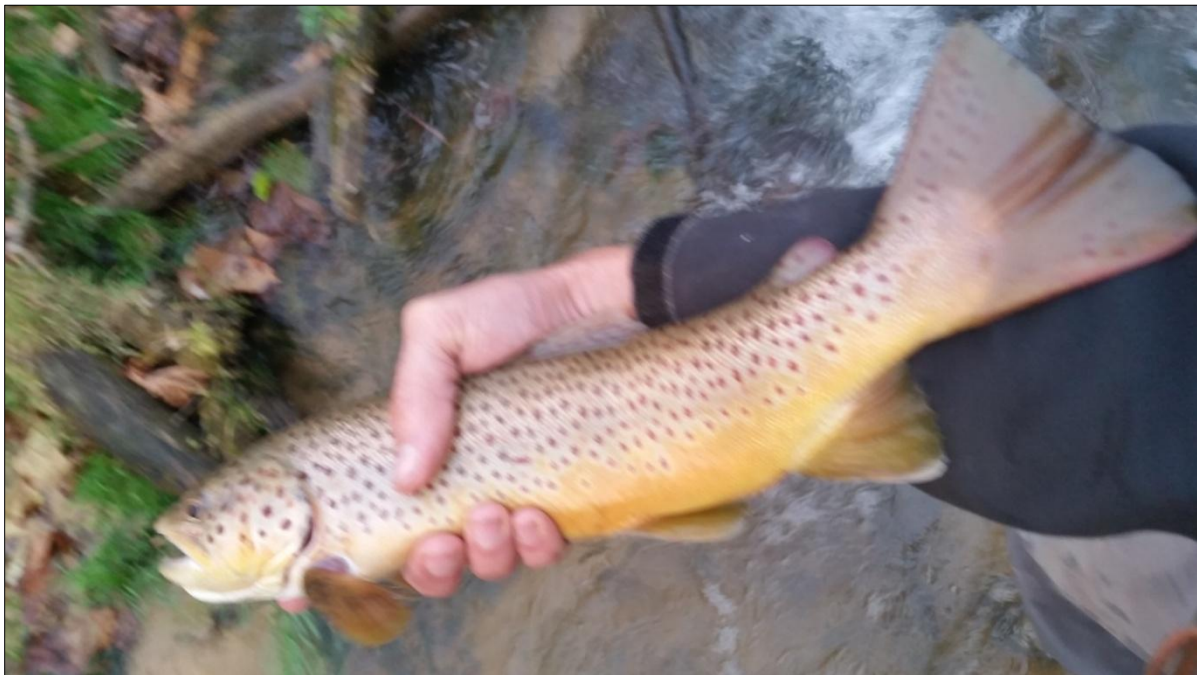


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***Aspen Construction started excavating topsoil from Site #3. (Photograph was taken from existing gravel road at ~Sta. 157+50 looking upstream).***



***21" Brown trout caught (and released) by EcoGro/Ridgewater Field Superintendent Brad Redmon after work in ravine downstream of rock spillway.***